

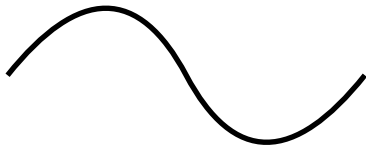


h_{fine}

high-precision manufacturing pattern
(smoothed sawtooth, short λ , A)

$$A_{\text{fine}} = 0.3\text{mm},$$

$$\lambda_{\text{fine}} = 1.5\text{mm} = 5A_{\text{fine}}$$

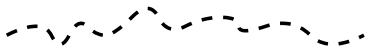


h_{coarse}

low-precision manufacturing pattern
(sine-wave, medium λ , A)

$$A_{\text{coarse}} = 3\text{mm} = 10A_{\text{fine}}$$

$$\lambda_{\text{coarse}} = 15\text{cm} = 100\lambda_{\text{fine}}$$



h_{random}

Gaussian-rough remainder

$$\sigma_{\text{RMS}} = 0.1\text{mm} = \frac{A_{\text{fine}}}{3}$$

$$H \in (0.5, 0.9)$$